PHILIPS

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Installation

Follow the instructions very closely and step by step.
- ◦ This circle in front of a sentence indicates that you have to do something.
- ▹ This arrow in front of a sentence indicates the result of what you have done.

Text in Italic indicates help information.

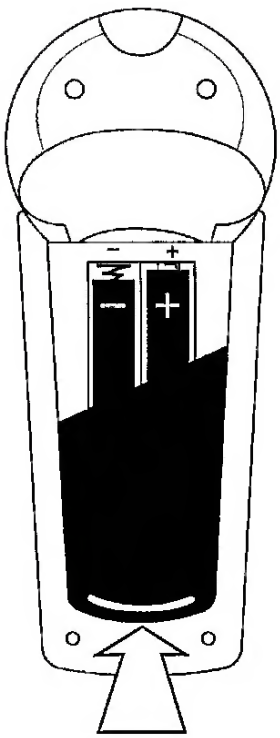
ENGLISH

Place the TV on a solid base.
Leave at least 5 cm around each side of the TV for ventilation.
To prevent any faults and unsafe situations, do not place any objects on top of the sets.

The TV can only operate at a mains voltage of 220/240 V~, 50 Hz; consult your dealer if the mains supply is different.

Make sure that the connection facilities to any TV installed in your house are in good condition. Only use good quality aerial connectors and cables.
The aerial plugs should be tightly connected.

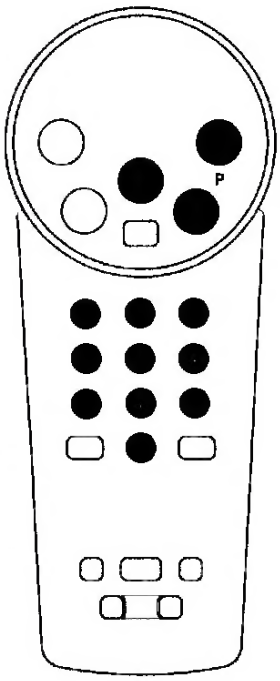
- ◦ Connect the TV tightly to the mains supply socket.
- ◦ Connect the aerial (indoor or outdoor) plug tightly to the ⌐⊩ socket on the back of the TV.



Remote control

- ◦ Remove the battery cover from the remote control.
- ◦ Insert the batteries, as indicated on the remote control.
- ◦ Replace the battery cover.

The batteries supplied with the remote control of your TV do not contain the heavy metals mercury and cadmium. In many countries flat batteries may not be disposed off with your household waste. **Please ensure that batteries are disposed off in accordance with any local regulations.**



Switching TV on and off

- ◦ Press ⏻ on the front of the TV.
- ▹ The TV is switched on.
  If the screen remains dark then the TV is in Stand-by.
- ◦ Pressing P —, P + or a digit button on the remote control, or — or + on the TV, switches the TV out of Stand-by.
- ◦ Press ⏻ again to switch off the TV.

Stand-by

- ◦ By pressing ⏻ on the remote control you can temporarily switch the TV off.
- ◦ Press P — or + or a digit button on the remote control, or — or + on the TV, to switch on the TV again.

Automatic switch off

If after a period of 15 minutes no aerial signal is received, the TV automatically switches to Stand-by.

Televisions consume energy in the stand-by mode. Energy consumption contributes to air and water pollution. We advice you to switch off your TV overnight instead of leaving it on stand-by. You save energy and the picture tube is demagnetised which maintains good picture quality.

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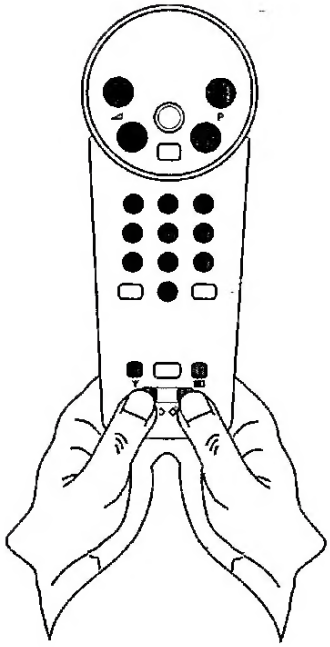
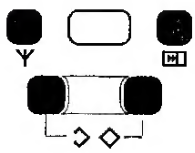




Storing TV channels

Write down the TV channels and the assigned program numbers while storing.
Storing TV channels can be stopped by pressing simultaneously the two ◇◇ buttons.

69 TV channels (1 to 69) can be stored on program numbers.

Follow carefully steps **1, 2, 3, 4, 5.**

1.

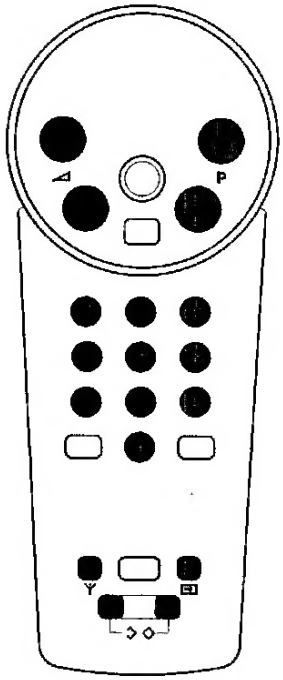
- Press the two buttons ◇ and ◇ simultaneously.
- **INSTALLATION** appears on the screen.

2.

Not all countries broadcast TV programmes in the same way. We speak of different TV systems. You can select a different TV-system for each separate program number.

- Press Y one or more times to select the required TV-sysrem. You can select among the following TV-systems:

Region	TV-system	Used in
EUROPE	PAL BG - SECAM BG	West European countries except France, except United Kingdom and Ireland.
FRANCE	SECAM L L'	France.
UK	PAL I	United Kingdom and Ireland.



3.

- Press ⏭ to start the search.
- The TV automatically searches until a TV channel is found.
- If you want to continue searching for a specific TV channel then press ⏭ again.

4.

- Press P — or + to select the program number (1 to 69) where you want to store the TV channel.
- The selected program number is displayed on the screen.

Important
You cannot store TV channels on program number 0.
Program number 0 is reserved to select electronic equipment connected to the TV. See "Peripheral connections".

5.

- Press the two buttons ◇ and ◇ simultaneously to store this selection.
- The message **STORED** appears for a few seconds on the screen.

Repeat steps **1, 2, 3, 4, 5** until all the TV channels you require have been stored on program numbers.

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Auto Store

The Auto Store function can be used to find and store all available channels quickly. Channels are srored on program numbers in the same sequence as they are found. After Auto Store is starred, the TV srarts searching for a TV channel. When a TV channel is found, ir will be automatically stored on program number 69. Searching will start again automatically. If another TV channel is found, it will be stored on program 68, etc.

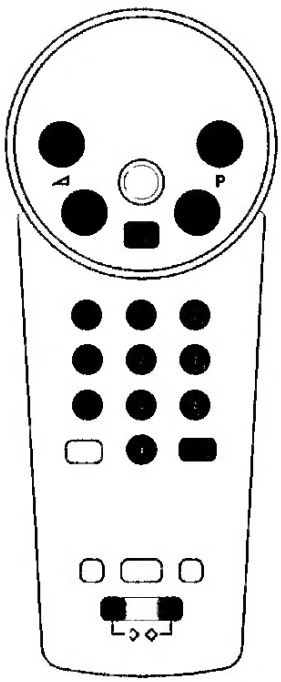
Your TV can receive different TV systems. With Auto Store the TV searches automatically through all TV systems and stores all TV channels available.
The TV systems are automatically selected as in the following sequence and channels in those TV systems are searched for automatically:

1 - TV system FRANCE (SECAM L L')
2 - TV sysrem EUROPE (PAL/SECAM BG)
3 - TV system UK (PAL I)

- Press rhe two buttons ◇ and ◇ simultaneously for at least 4 seconds.
- ▹ **INSTALLATION** menu appears.
- Press + **(YES)** ro start the **AUTOSTORE** function.
  The Auto Store can be stopped by pressing the two buttons ◇ and ◇ simultaneously.

At the end of the Auto Store cycle the TV switches to program 69.

To reorganize the sequence of the TV channels stored by the Autostore, refer to the section "Storing TV channels" following sreps 1, 4, 5.



Operation

On Screen Display

The On Screen Display (OSD) information allows you to see the program number on which a TV channel is stored, the timer status and a moving bar if the volume is adjusted.

- Press ⊡ ro display information on the screen.
- Press ⊡ again to switch off information.

Selecting TV channels

- Press **P** — or + or press one or two digit buttons on the temote conttol.
  To select a program number from 0 ro 9 press one digit button.
  To select a program number from 10 to 69 you must press two digit buttons in less than 4 seconds.
  or
- Press — or + on the TV.

Volume control

- Press ◿ — or + on the remore control.

- Press 🔇 to switch off rhe sound.
- Press 🔇 again or ◿ + to switch on the sound.

Menu on screen

With the menu on the screen you can change and store the picture and sound settings.
You can also set the timer, select the screen format and pre-select tbe external electtonic equipment connected to the TV.

When you switch on your TV, the picture and sound settings have certain values. These values are inirially stored by the factory. Using the menu on screen you can change these values. If you store these values (by pressing the two buttons ◇ and ◇ simultaneously after a change), the TV will switch on with your stored picture and sound values.

If you want to leave the menu, for example after changing the contrast setting, you can either wait approximately 10 seconds or continue to press the MENU button until the menu disappears from the screen.

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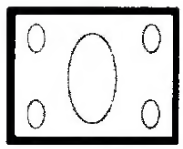
The stored picture and sound values can also be recalled by pressing **P P**.

◦ Press MENU.
▹ **VOLUME** appears, adjust the volume by pressing — or +.
If you want ro srore this setting press the two buttons ◇ and ◇ simultaneously.

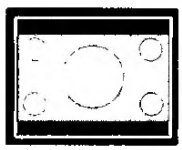
◦ Press MENU again.
▹ **BRIGHTNESS** appears, adjusr the brighrness by pressing — or +.
If you want to srore this setting press the two buttons ◇ and ◇ simultaneously.

◦ Press MENU again.
▹ **CONTRAST** appears, adjust the conrrasr by pressing — or +.
If you want to srore this setting press the two buttons ◇ and ◇ simultaneously.

◦ Press MENU again.
▹ **SHARPNESS** appears, adjust the sharpness by pressing — or +.
If you wanr ro store rhis setting press the two buttons ◇ and ◇ simultaneously.



◦ Press MENU again.
▹ **COLOUR** appears, adjust the colour by pressing — or +.
If you want to store this setting press the two buttons ◇ and ◇ simultaneously.



◦ Press MENU again.
▹ **SCREENFORMAT** appears, adjust rhe screenformat by pressing — or +.
This function can be used when pictures similar to those indicated in diagram 1 are received. By pressing + , **WIDE** is selected and the picture is changed to the format indicated in diagram 2.

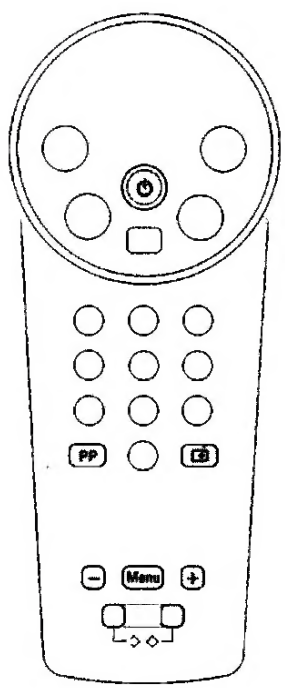
◦ Press MENU again.
▹ **EXTERNAL** appears.
If program 0 is selected the picture of a device connected ro one of the external connectors of the TV will be displayed (see also 'Peripheral connection').
By pressing — or +, ir is possible ro select either **AV** or **S-Video**:

Program 0 = **AV** : For devices connected via Euroconnector or front or front **AV**
Program 0 = **S-Video**: For devices connected via fronr **S-Video** connector.

If the selection is changed, program 0 will automatically be selected and **AV** or **S-Video** will he displayed on the screen.

Note: If a black and white or a bouble image is seen on the screen, check to ensure that the **AV / S-Video** *selection is correct (see also 'Peripheral connection').*

◦ Press MENU again.
▹ **TIMER** appears.
The rimer can be used to switch the TV on or off automatically after a preset time. This preset time can be ser in steps of 10 minures up to a maximum of 24.00 hours.



Switching off automatically:

◦ Press — or + to select the time after which the TV should switch off. The count down srarts immediately. You can see the remaining time by pressing ⊡ on the remote control.
During rhe final minute of rhe selected rime period, the seconds remaining are auromatically shown on the screen.
At the end of this time period the TV switches to stand-by mode.

Switching on automatically:

◦ Press — or + to selecr rhe rime afrer which the TV should switch on. The count down starts immediately.
◦ Press ⏻ to switch the TV off temporarily.
▹ The TV will switch on after the rime period you have selected.

Note: If you switch on your TV again before the selected time has elapsed, the timer will he switched off automatically. If you do not press any butron within 3 hours after the TV has switched on automatically, the TV will switch to Stand-by again.

If you want to stop the TIMER press — or + until the selected period on the screen is 00.00.

◦ Press MENU.
▹ The menu disappears.

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Different volume level for a specific TV channel

Not all TV channels broadcast volume at the same level.
With this function you can alter the volume level of one channel wirh respect to the others.

- Press MENU button for ar least 4 seconds.
- ▹ Immediately **VOLUME** appears, keep on pressing until "◿/**PROGRAM**" appears.
- Press **P** — or + to select rhe program you wish to alrer.
- Press — or + to adjust the volume level.

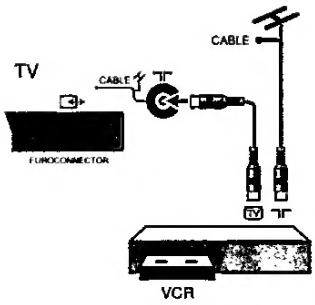
- Press rhe two buttons ◇ and ◇ simultaneously to store the volume level.
- ▹ **STORED** appears for a few seconds.

- Select another TV channel to adjust the volume level or press MENU several times to leave the menu.

Peripheral connections

Aerial connection

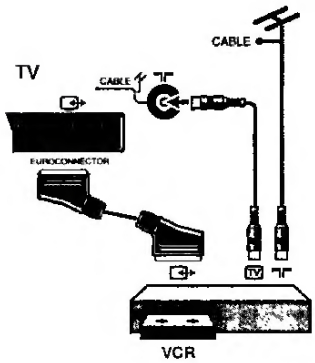
You can connect your videorecorder or other equipment via the aerial connection on the back of the TV.



- Unplug the aerial plug from your TV and insert it into the aerial inpur ⊓⊢ of your equipment.
- Connect anorher aerial plug ro the outpur 📺 of your equipment, connect the other side to the aerial input ⊓⊢ of your TV.

- Switch on your equipmenr.
- Check in the handbook of the particular equipment to see what the test signal looks like.

- Now, refer to the section **Storing TV channels** ro search for and store rhis signal on a programme number from **1** to **69** (you **cannot** store the signal on the program number 0). After that, you can receive signals from your equipment on this programme number.



Euroconnection (scart) for e.g. videorecorder

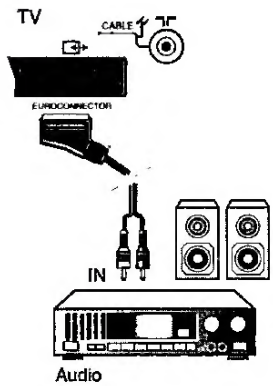
Othér products such as a videorecorder or satellite tuner can be connected to the euroconnector on the back of rhe TV. Please ask your dealer for the appropriate cable.

- Connecr the eurocable ro the euroconnecror socket of your videorecorder and to the euroconnector socket of your TV.
- Connect an aerial cable to the output 📺 of your video recorder and to the aerial input ⊓⊢ of your TV.
- Normally if the videorecorder is switched on, the picture will automatically appear on the TV screen.

If you do not see the picture, select program number 0 by pressing **P** + *or* —.

NOTE: If you do not see the picture from the connected videorecorder, check by the "Menu on screen" (EXTERNAL item), if program 0= AV has been selected properly.

Do not use the Audio-Video front socket and the euroconnector socket at the same time.



Euroconnection (scart) for audio amplifier

An external audio amplifier can be used to listen ro your TV sound.
In rhis case you need a special euroconnector cable, provided with audio out plugs. Ask your dealer for an appropriate cable.

- Connect the audio plugs into the audio input of your audio amplifier.
- Connect the euroconnecror inro rhe euroconnector socket of your TV.

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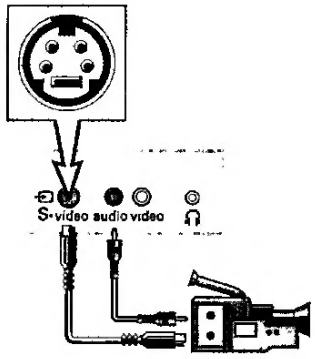
Audio/Video front connections

You can connect audio/video equipment, like a camcorder or game-computer, to the **Audio/Video** input on the front of your TV. Ask your dealer for an appropriate cable.

- Connect your equipment to the **Audio/Video** input of your TV.
- Press START or PLAY on your equipment.
- Select program number 0.
- ▹ The picture from your equipment appears on the screen.

Do not use the Audio-Video front socket and the euroconnector socket at the same time.

S-Video front connection



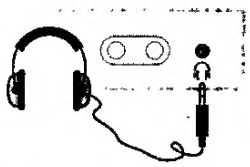
You can connect S-VHS or Hi-8 audio-video equipment to the **S-Video** socket on the front of your TV. Ask your dealer for an appropriate cable.

- Connect your equipment to the **S-Video** socket of your TV.
- Press the MENU button on the remote control several times untill **EXTERNAL** appears.
- Press + to select **S-Video.**
- Press MENU several times to leave the on screen menu .

- Press START or PLAY on your equipment.
- Select program number 0.
- ▹ The picture from your equipment appear on the screen.

*NOTE: If you do not see the picture from the connected equipment, use the **EXTERNAL** item. in the MENU to ensure that program 0= **S-Video** is selected.*

Do not use the S-Video socket and the Euroconnector or Audio/Video socket at the same time.



Headphones

- Connect the headphones plug to the headphones socket on front of the TV.
- ▹ The internal loudspeakers of your TV are automatically switched off.

Tips

To clean the TV

Clean the TV using a slightly damp chamois leather.
Never use aggressive cleaning agents.

Poor or no picture:

Are the plugs tightly connected to the aerial socket and are the connection facilities to any other installed TV in good condition? Do you use good quality aerial connectors and cables?

Double or black and white picture on the screen using peripheral connections:

NOTE: If you do not see the picture from the connected equipment, use the EXTERNAL item in the MENU to ensure that the program 0 selection is correct. Select **S-Video** (for S-VHS or Hi-8 audio-video connector) or **AV** (for euroconnector or front Audio/Video connections).

No solution:

Switch your TV off and on again with the ⏻ button.
Never attempt to repair a defective TV set yourself.
Switch off the TV and call your dealer or TV-technician when nothing helps or when:

- A white horizontal stripe appears across the whole screen.
- The red lamp below the screen starts blinking when no buttons are pressed on the remote control.

Environmental information

Your TV contains material which can be recycled and reused. At end of life specialized companies can dismantle the discarded TV to concentrate the reusable materials and to minimize the ammount of materials to be disposed off.
Please find out about local regulations on disposal of your old TV set.

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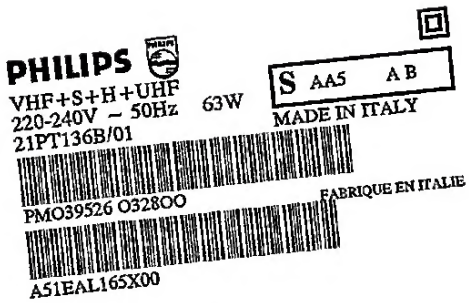

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